Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
Data File : BG036005.D
Acq On : 31 Jul 2018 17:29
Operator : JU/SJ
Sample : PB111524BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111524BSD

Manual Integrations APPROVED
Sohil
8/1/2018 5:08:52 PM

Quant Time: Aug 01 11:04:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	40268	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	147126	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	107986	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	282834	20.00	ng		0.00
75) Chrysene-d12	21.66	240	296117	20.00	ng		0.00
86) Perylene-d12	24.85	264	283152	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	344160	141.90	ng		0.00
7) Phenol-d6	7.19	99	504700	139.47	ng		0.00
23) Nitrobenzene-d5	9.19	82	321357	91.25	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	224855	157.98	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	762311	94.58	ng		0.00
78) Terphenyl-d14	19.99	244	1285940	95.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	39549m	32.037	ng		
3) Pyridine	3.91	79	114384	35.493	ng	#	70
4) n-Nitrosodimethylamine	3.83	42	48183	34.820	ng	#	77
6) Aniline	7.35	93	75178	16.028	ng		96
8) 2-Chlorophenol	7.59	128	109598	44.429	ng		95
9) Benzaldehyde	7.17	77	73312	33.018	ng		95
10) Phenol	7.22	94	165722	45.329	ng		90
11) bis(2-Chloroethyl)ether	7.44	93	113313	39.576	ng		88
12) 1,3-Dichlorobenzene	7.91	146	125629m	42.173	ng		
13) 1,4-Dichlorobenzene	8.06	146	125741	41.544	ng		96
14) 1,2-Dichlorobenzene	8.38	146	119743	41.182	ng		99
15) Benzyl Alcohol	8.26	79	128743	39.177	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.54	45	120753	50.305	ng		78
17) 2-Methylphenol	8.47	107	112163	45.123	ng	#	91
18) Hexachloroethane	9.10	117	47729	41.243	ng		88
19) n-Nitroso-di-n-propylamine	8.83	70	103762	34.051	ng	#	83
20) 3+4-Methylphenols	8.80	107	153384	44.480	ng		90
22) Acetophenone	8.85	105	190421	41.620	ng	#	89
24) Nitrobenzene	9.23	77	155550	43.917	ng		96
25) Isophorone	9.74	82	297898	45.565	ng		98
26) 2-Nitrophenol	9.94	139	65159	51.799	ng	#	89
27) 2,4-Dimethylphenol	9.99	122	119963	56.339	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	159423	44.253	ng		95
29) 2,4-Dichlorophenol	10.47	162	131602	54.143	ng		91
30) 1,2,4-Trichlorobenzene	10.69	180	139455	46.789	ng		96
31) Naphthalene	10.87	128	339173	44.256	ng		99
32) Benzoic acid	10.16	122	54310m	37.888	ng		
33) 4-Chloroaniline	11.00	127	25361	7.592	ng		99
34) Hexachlorobutadiene	11.15	225	109868	47.272	ng		97
35) Caprolactam	11.76	113	44550m	42.710	ng		
36) 4-Chloro-3-methylphenol	12.11	107	158703	48.711	ng		95
37) 2-Methylnaphthalene	12.48	142	270321	47.344	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	182843	44.861	ng		98
40) Hexachlorocyclopentadiene	12.82	237	249464	116.708	ng		93

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	126557	53.097	ng		93
43) 2,4,5-Trichlorophenol	13.16	196	133859	50.201	ng		97
45) 1,1'-Biphenyl	13.48	154	373452	44.607	ng		96
46) 2-Chloronaphthalene	13.53	162	299441	45.982	ng		99
47) 2-Nitroaniline	13.73	65	99168	43.074	ng		91
48) Acenaphthylene	14.37	152	498583	45.705	ng		98
49) Dimethylphthalate	14.10	163	411285	43.471	ng		98
50) 2,6-Dinitrotoluene	14.22	165	97173	50.436	ng		93
51) Acenaphthene	14.71	154	288296	42.425	ng		98
52) 3-Nitroaniline	14.56	138	22174	11.261	ng	#	88
53) 2,4-Dinitrophenol	14.77	184	84530	84.881	ng	#	64
54) Dibenzofuran	15.04	168	485654	44.938	ng		94
55) 4-Nitrophenol	14.87	139	125614	89.573	ng		86
56) 2,4-Dinitrotoluene	15.01	165	135229	48.924	ng	#	86
57) Fluorene	15.69	166	400165	44.178	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	133026	52.033	ng		92
59) Diethylphthalate	15.46	149	411600	42.309	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	234612	44.068	ng		96
61) 4-Nitroaniline	15.72	138	86104	41.801	ng	#	84
62) Azobenzene	15.98	77	412767	43.014	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	77053	48.940	ng		87
65) n-Nitrosodiphenylamine	15.90	169	354821	44.074	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	159948	48.745	ng		92
67) Hexachlorobenzene	16.70	284	163199	48.296	ng		98
68) Atrazine	16.85	200	161800	48.814	ng		95
69) Pentachlorophenol	17.05	266	148513	72.156	ng		97
70) Phenanthrene	17.43	178	639354	45.303	ng		97
71) Anthracene	17.52	178	657965	46.821	ng		98
72) Carbazole	17.79	167	580756	43.517	ng		98
73) Di-n-butylphthalate	18.34	149	668974	42.419	ng	#	99
74) Fluoranthene	19.44	202	820154	43.143	ng		97
76) Benzidine	19.62	184	216033	27.750	ng		98
77) Pyrene	19.80	202	829437	44.298	ng		98
79) Butylbenzylphthalate	20.68	149	310313	46.345	ng		96
80) Benzo(a)anthracene	21.63	228	833999	45.195	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	151194	23.498	ng		99
82) Chrysene	21.70	228	776487	45.408	ng		97
83) Bis(2-ethylhexyl)phthalate	21.53	149	418904	46.019	ng	#	97
84) Di-n-octyl phthalate	22.73	149	718861	47.165	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	870631	45.987	ng	#	93
87) Benzo(b)fluoranthene	23.84	252	799513	46.457	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	737995	43.863	ng	#	97
89) Benzo(a)pyrene	24.70	252	756919	47.276	ng	#	97
90) Dibenzo(a,h)anthracene	28.55	278	726459	46.217	ng	#	96
91) Benzo(g,h,i)perylene	29.64	276	719164	46.756	ng	#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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